

## REMARKS

Applicants gratefully acknowledge the Examiner's finding of the allowable condition of Claims 1-25. Applicants have amended the Specification in accordance with the Examiner's suggestions. Reconsideration of the application in response to the Examiner's Office Action is respectfully requested.

### I. Drawings

In the Office Action, the Examiner has objected to the drawings under 37 CFR 1.83(a). The Examiner contends that Figure 3 fails to show I and Q signal components. The Examiner has further objected to the drawings since the Examiner contends that the horizontal axis for Figure 8 should be labeled  $E_{bt}/N_0$ . Applicants have amended Figure 3 to show the I and Q signal components. Attached is a Replacement Sheet for Figure 3 showing the I and Q signal component. Applicants have also amended the horizontal axis for Figure 8 to  $E_{bt}/N_0$ . Attached is a Replacement Sheet for Figure 8 labeling the horizontal axis  $E_{bt}/N_0$ . Applicants respectfully submit the amendment to Figure 3 and 8 effectively traverses the Examiner's objection to the drawings. Such action is earnestly solicited.

## II. Specification

In the Office Action, the Examiner has objected to the Specification due to certain informalities. Applicants have amended the Specification in accordance with the Examiner's suggestion. Thus, Applicants respectfully submits that the amendments to the Specification effectively traverse the Examiner's objections. Such action is earnestly solicited.

## III. Conclusion

Applicants respectfully submits that Applicants' claimed invention is deserving of patent protection because it describes a useful and functioning apparatus which is patentably distinguishable over the prior art.

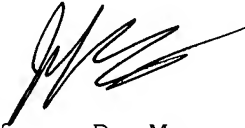
In conclusion, Applicants respectfully submit that this Amendment Letter, including the amendments to the Specification and Drawings, and in view of the Remarks offered in conjunction therewith, are fully responsive to all aspects of the possible objections and rejections tendered by the Examiner in the Office Action. Applicants respectfully submit that they have persuasively demonstrated that the above-identified Patent Application, including Claims 1-25 are in condition for allowance. Such action is earnestly solicited.

If the foregoing does not place the case in condition for

immediate allowance, the Examiner is respectfully requested to contact the undersigned for purposes of a telephone interview.

If there are any fees incurred by this Amendment Letter, please deduct them from our Deposit Account NO. 23-0830.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'J. Moy', with a long horizontal flourish extending to the right.

Jeffrey D. Moy  
Reg. No. 39,307  
Attorney for Applicants

Weiss & Moy, P.C.  
4204 N. Brown Ave.  
Scottsdale, AZ 85251  
(480) 994-8888 (Phone)  
(480) 947-2663 (Fax)

JDM/msw